

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 1.9 E NORTH CAPE [41.77, -83.46]				
	07/28/10 15:20 EST	0		Marine Thunderstorm Wind (EG 50 kt)
	07/28/10 15:20 EST	0		Source: Trained Spotter
A thunderstorm which downed a tree east of Temperance moved into western Lake Erie.				
A severe thunderstorm east of Temperance moved into western Lake Erie.				
LAKE HURON				
PORT AUSTIN TO HARBOR BEACH MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- PORT HOPE [43.93, -82.72]				
	07/11/10 16:51 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	07/11/10 16:51 EST	0		Source: ASOS
A strong thunderstorm moving through Port Hope produced a 44 mph wind gust.				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]				
	07/15/10 13:50 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/15/10 13:50 EST	0		Source: C-MAN Station
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]				
	07/15/10 14:21 EST	0		Marine Thunderstorm Wind (MG 49 kt)
	07/15/10 14:21 EST	0		Source: C-MAN Station
HARBOR BEACH TO PORT SANILAC MI COUNTY --- HARBOR BEACH [43.83, -82.65]				
	07/15/10 14:48 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/15/10 14:48 EST	0		Source: C-MAN Station
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- 6.5 ENE POINT AU GRES [44.02, -83.54]				
	07/15/10 14:50 EST	0		Marine Thunderstorm Wind (MG 46 kt)
	07/15/10 14:50 EST	0		Source: C-MAN Station
Thunderstorms moved through Saginaw Bay and the nearshore waters of Lake Huron near Harbor Beach producing winds in excess of 50 mph.				
PORT AUSTIN TO HARBOR BEACH MI COUNTY --- 0.9 E HURON CITY [44.03, -82.81], 1.2 E HURON CITY [44.03, -82.81]				
	07/18/10 19:09 EST	0		Waterspout
	07/18/10 19:11 EST	0		Source: NWS Storm Survey
It was determined by a National Weather Service storm survey a waterspout developed from a severe thunderstorm and moved onshore.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.1 SW NEW BALTIMORE [42.61, -82.83]				
	07/11/10 15:10 EST	0		Marine Thunderstorm Wind (MG 36 kt)
	07/11/10 15:10 EST	0		Source: ASOS
ST CLAIR RIVER COUNTY --- 4.5 W ALGONAC [42.63, -82.62]				
	07/11/10 15:30 EST	0		Marine Thunderstorm Wind (EG 52 kt)
	07/11/10 15:30 EST	0		Source: Fire Department/Rescue
Thunderstorm winds were estimated at 60 mph.				

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST CLAIR RIVER COUNTY --- 4.5 W ALGONAC [42.63, -82.62]				
	07/12/10 00:50 EST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/12/10 00:50 EST		0	Source: Trained Spotter
A trained weather spotter measured a 47 mph thunderstorm wind gust.				
A few strong thunderstorms moved through Lake St. Clair.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 E METROPOLITAN BEACH [42.47, -82.76]				
	07/15/10 18:04 EST		0	Marine Thunderstorm Wind (MG 46 kt)
	07/15/10 18:04 EST		0	Source: C-MAN Station
A thunderstorm moved through Lake St. Clair producing a measured 53 mph wind gust.				
DETROIT RIVER COUNTY --- 1.3 ENE WYANDOTTE [42.21, -83.15]				
	07/18/10 17:50 EST		0	Marine Thunderstorm Wind (EG 50 kt)
	07/18/10 17:50 EST		0	Source: Trained Spotter
A thunderstorm which downed a tree 2 miles North-Northwest of Grosse Ile moved into the Detroit River.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.8 SW NEW BALTIMORE [42.61, -82.83]				
	07/18/10 18:47 EST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/18/10 18:47 EST		0	Source: ASOS
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.9 N METROPOLITAN BEACH [42.57, -82.82]				
	07/18/10 18:52 EST		0	Marine Hail (1.00 in)
	07/18/10 18:52 EST		0	Source: Trained Spotter
A few strong to marginally severe thunderstorms moved through the Detroit River and Lake St. Clair.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 E METROPOLITAN BEACH [42.47, -82.76]				
	07/23/10 13:41 EST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/23/10 13:41 EST		0	Source: C-MAN Station
DETROIT RIVER COUNTY --- 2.0 E DETROIT RIVER LIGHT [42.10, -83.16]				
	07/23/10 18:00 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/23/10 18:00 EST		0	Source: ASOS
A thunderstorm moved through the Detroit River producing a 51 mph wind gust.				
ST CLAIR RIVER COUNTY --- 15.3 W ALGONAC [42.61, -82.83]				
	07/28/10 13:32 EST		0	Marine Thunderstorm Wind (MG 63 kt)
	07/28/10 13:32 EST		0	Source: ASOS
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 3.1 E METROPOLITAN BEACH [42.47, -82.76]				
	07/28/10 14:20 EST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/28/10 14:20 EST		0	Source: C-MAN Station
A thunderstorm moved into Lake St. Clair producing winds in excess of 50 mph.				
MICHIGAN, East				
(MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE				
	07/04/10 17:00 EST	2	0	Heat
	07/08/10 22:00 EST		0	

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Direct Fatalities: F56VE, M81PH				
A five day heat wave occurred from July 4th-July 8th. High temperatures climbed into the lower 90s across most areas, producing heat indices in the mid 90s to around 100 degrees. Little relief occurred during the overnight hours as lows hovered at or above 70 degrees. Two heat related fatalities were reported. Here are the recorded high temperatures at Detroit Metro over the 5 day stretch: 91, 93, 92, 94, 93.				
MACOMB COUNTY --- 1.5 NNW MT CLEMENS [42.60, -82.88]				
	07/11/10 15:10 EST		15K	Thunderstorm Wind (EG 52 kt)
	07/11/10 15:10 EST		0	Source: Broadcast Media
Several trees were reported blown down on porches, roads, and powerlines centered near Gratiot and North Avenue Roads.				
ST. CLAIR COUNTY --- PEARL BEACH [42.63, -82.58]				
	07/11/10 15:30 EST		20K	Thunderstorm Wind (EG 52 kt)
	07/11/10 15:30 EST		0	Source: Trained Spotter
Multiple trees and powerlines reported down. One tree fell onto a house, while another tree landed on a truck.				
WASHTENAW COUNTY --- 1.2 SE GEDDES [42.26, -83.65]				
	07/11/10 22:07 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/10 22:07 EST		0	Source: Trained Spotter
Trees were reported blown down near Saint Joseph Mercy Hospital.				
Isolated severe thunderstorms developed during the late afternoon hours, producing damaging wind gusts.				
SAGINAW COUNTY --- HEMLOCK [43.42, -84.23]				
	07/15/10 14:35 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 14:35 EST		0	Source: Trained Spotter
Numerous 4 to 6 inch diameter tree branches reported down.				
SAGINAW COUNTY --- 2.8 S DICE [43.43, -84.13]				
	07/15/10 14:40 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 14:40 EST		0	Source: Trained Spotter
Numerous 4 inch diameter tree branches reported down.				
HURON COUNTY --- ELKTON [43.82, -83.18]				
	07/15/10 15:10 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 15:10 EST		0	Source: Trained Spotter
A few large tree limbs were blown down.				
SHIAWASSEE COUNTY --- NEW LOTHROP [43.12, -83.97]				
	07/15/10 15:28 EST		25K	Thunderstorm Wind (EG 54 kt)
	07/15/10 15:28 EST		0	Source: Law Enforcement
Numerous trees were reported blown down, with a few landing on houses.				
GENESEE COUNTY --- 2.9 WNW BEECHER [43.10, -83.75]				
	07/15/10 15:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 15:32 EST		0	Source: Trained Spotter
Several 6 inch diameter tree limbs down.				
GENESEE COUNTY --- 0.9 NW FLUSHING [43.08, -83.84], 2.1 NNW FLINT DALTONS ARPT [43.08, -83.79]				
	07/15/10 15:40 EST		15K	Thunderstorm Wind (EG 70 kt)
	07/15/10 15:42 EST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Numerous trees and large tree limbs down.				
TUSCOLA COUNTY --- CASS CITY [43.60, -83.17]				
	07/15/10 15:40 EST		0	Thunderstorm Wind (EG 54 kt)
	07/15/10 15:40 EST		0	Source: Law Enforcement
Two trees were reported blown down.				
GENESEE COUNTY --- 1.2 SW RICHFIELD CENTER [43.09, -83.52]				
	07/15/10 15:50 EST		0	Hail (0.75 in)
	07/15/10 15:50 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 1.0 W BURTON [42.98, -83.65]				
	07/15/10 15:53 EST		0	Thunderstorm Wind (EG 56 kt)
	07/15/10 15:53 EST		0	Source: Trained Spotter
Multiple large trees blown down.				
SHIAWASSEE COUNTY --- BANCROFT [42.88, -84.07]				
	07/15/10 15:53 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/15/10 15:53 EST		0	Source: Law Enforcement
Trees were blown down and minor shingle damage reported.				
GENESEE COUNTY --- 0.9 NW ARGENTINE [42.79, -83.84]				
	07/15/10 16:06 EST		0	Thunderstorm Wind (MG 54 kt)
	07/15/10 16:06 EST		0	Source: Trained Spotter
A trained spotter measured a 62 mph thunderstorm wind gust.				
GENESEE COUNTY --- 1.0 E LAPEER HGTS [43.02, -83.56]				
	07/15/10 16:15 EST		0	Thunderstorm Wind (MG 62 kt)
	07/15/10 16:15 EST		0	Source: Trained Spotter
A trained spotter measured a 71 mph thunderstorm wind gust.				
LAPEER COUNTY --- 2.0 NE ELBA [43.05, -83.42]				
	07/15/10 16:20 EST		0	Thunderstorm Wind (EG 54 kt)
	07/15/10 16:20 EST		0	Source: Trained Spotter
Several tree limbs and trees blown down.				
LIVINGSTON COUNTY --- 0.9 NW HOWELL [42.61, -83.94]				
	07/15/10 16:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 16:25 EST		0	Source: Trained Spotter
Several 6 inch diameter tree limbs blown down.				
LAPEER COUNTY --- 0.7 S IMLAY CITY [43.02, -83.08]				
	07/15/10 16:27 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 16:27 EST		0	Source: Trained Spotter
Several 4 inch diameter tree limbs blown down.				
LIVINGSTON COUNTY --- 3.3 NE HOWELL [42.63, -83.88]				
	07/15/10 16:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 16:30 EST		0	Source: Trained Spotter
Two trees were reported blown down.				
OAKLAND COUNTY --- 3.8 ENE HOLLY [42.82, -83.55]				

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/15/10 16:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 16:30 EST		0	Source: Amateur Radio
Small tree branches were blown down.				
OAKLAND COUNTY --- 1.2 NW HIGHLAND [42.64, -83.62]				
	07/15/10 16:49 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 16:54 EST		0	Source: Trained Spotter
A trained weather spotter estimated 60 mph thunderstorm wind gust for five minutes.				
ST. CLAIR COUNTY --- 1.0 W YALE [43.13, -82.80]				
	07/15/10 16:49 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 16:49 EST		0	Source: Trained Spotter
A large tree was blown down.				
OAKLAND COUNTY --- (PTK)PONTIAC ARPT [42.67, -83.42]				
	07/15/10 16:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 16:50 EST		0	Source: Public
A person from the general public estimated a 60 mph thunderstorm wind gust.				
OAKLAND COUNTY --- 0.5 W LAKE ORION [42.78, -83.24]				
	07/15/10 17:03 EST		0	Thunderstorm Wind (MG 54 kt)
	07/15/10 17:03 EST		0	Source: Trained Spotter
A trained spotter measured a 62 mph thunderstorm wind gust.				
WASHTENAW COUNTY --- (ARB)ANN ARBOR MUNI [42.22, -83.75]				
	07/15/10 17:10 EST		0	Thunderstorm Wind (MG 51 kt)
	07/15/10 17:10 EST		0	Source: ASOS
MACOMB COUNTY --- ARMADA [42.85, -82.87]				
	07/15/10 17:15 EST		0	Thunderstorm Wind (EG 61 kt)
	07/15/10 17:15 EST		0	Source: Trained Spotter
A trained spotter estimated 70 mph thunderstorm wind gust.				
OAKLAND COUNTY --- 1.5 SSW EAMES [42.70, -83.28]				
	07/15/10 17:15 EST		0	Thunderstorm Wind (MG 54 kt)
	07/15/10 17:15 EST		0	Source: Trained Spotter
A trained spotter measured a 62 mph thunderstorm wind gust.				
WAYNE COUNTY --- 2.5 W WESTMORE [42.42, -83.42]				
	07/15/10 17:23 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 17:23 EST		0	Source: Trained Spotter
A trained spotter estimated 60 mph thunderstorm wind gust.				
OAKLAND COUNTY --- 0.5 E FARMINGTON [42.47, -83.36]				
	07/15/10 17:24 EST		0	Thunderstorm Wind (EG 52 kt)
	07/15/10 17:24 EST		0	Source: Trained Spotter
Several large tree limbs blown down.				
OAKLAND COUNTY --- 1.0 E LATHRUP [42.50, -83.20]				
	07/15/10 17:38 EST		0	Thunderstorm Wind (EG 50 kt)
	07/15/10 17:38 EST		0	Source: Trained Spotter
Numerous 6 inch diameter tree limbs down.				

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OAKLAND COUNTY --- 0.7 S BERKLEY [42.49, -83.17]				
	07/15/10 17:40 EST		15K	Thunderstorm Wind (EG 54 kt)
	07/15/10 17:40 EST		0	Source: Trained Spotter
Numerous trees were blown down.				
OAKLAND COUNTY --- 0.9 NE FERNDAL [42.46, -83.11]				
	07/15/10 17:45 EST		0	Thunderstorm Wind (EG 56 kt)
	07/15/10 17:45 EST		0	Source: Trained Spotter
A trained spotter estimated a 65 mph thunderstorm wind gust.				
WAYNE COUNTY --- 2.1 N (DET)DETROIT CITY AR [42.45, -83.02]				
	07/15/10 17:50 EST		0	Hail (1.00 in)
	07/15/10 17:50 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 1.5 NNW EAST DETROIT [42.49, -82.94]				
	07/15/10 17:52 EST		0	Hail (0.88 in)
	07/15/10 17:52 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 1.5 NNW EAST DETROIT [42.49, -82.94]				
	07/15/10 17:52 EST		0	Thunderstorm Wind (MG 51 kt)
	07/15/10 17:52 EST		0	Source: Trained Spotter
A trained spotter measured a 59 mph thunderstorm wind gust.				
A batch of severe thunderstorms affected much of southeast Michigan, producing isolated hail and numerous wind reports.				
ST. CLAIR COUNTY --- 4.8 NNE CAPAC [43.08, -82.87]				
	07/17/10 12:31 EST		0	Hail (0.75 in)
	07/17/10 12:31 EST		0	Source: Trained Spotter
LAPEER COUNTY --- 2.1 SSW METAMORA [42.90, -83.29]				
	07/17/10 12:40 EST		0	Hail (0.75 in)
	07/17/10 12:40 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 1.5 SSW ORTONVILLE [42.83, -83.44]				
	07/17/10 12:40 EST		0	Hail (0.75 in)
	07/17/10 12:40 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 0.9 NE AVOCA [43.08, -82.67]				
	07/17/10 12:47 EST		0	Hail (0.75 in)
	07/17/10 12:47 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 0.9 NW ATKINS [43.08, -82.58]				
	07/17/10 12:55 EST		0	Hail (1.00 in)
	07/17/10 12:55 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 0.9 NE WASHINGTON [42.73, -83.02]				
	07/17/10 13:34 EST		0	Hail (0.75 in)
	07/17/10 13:34 EST		0	Source: Trained Spotter
Thunderstorms moving through the M-59 corridor produced hail.				
LENAWEE COUNTY --- 0.7 N ADDISON [41.99, -84.35]				
	07/18/10 16:25 EST		20K	Thunderstorm Wind (EG 54 kt)
	07/18/10 16:25 EST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees and power lines were reported down.				
LENAWEE COUNTY --- 3.7 NW ADRIAN [41.93, -84.09]				
	07/18/10 16:30 EST		0	Hail (0.75 in)
	07/18/10 16:30 EST		0	Source: Trained Spotter
LENAWEE COUNTY --- 3.8 NW ADRIAN [41.94, -84.08]				
	07/18/10 16:30 EST		0	Thunderstorm Wind (EG 53 kt)
	07/18/10 16:30 EST		0	Source: Fire Department/Rescue
Trees were uprooted.				
LENAWEE COUNTY --- 0.5 W TECUMSEH [42.00, -83.94]				
	07/18/10 16:50 EST		0	Hail (1.75 in)
	07/18/10 16:50 EST		0	Source: Trained Spotter
LENAWEE COUNTY --- 0.9 NW TECUMSEH [42.01, -83.94]				
	07/18/10 16:50 EST		20K	Thunderstorm Wind (EG 54 kt)
	07/18/10 16:50 EST		0	Source: Law Enforcement
Multiple trees and powerlines down.				
MONROE COUNTY --- 1.5 E AZALIA [42.02, -83.64]				
	07/18/10 17:05 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/10 17:05 EST		0	Source: Fire Department/Rescue
A large tree was reported blown down along with a powerline.				
WAYNE COUNTY --- 1.5 NNE SIBLEY [42.15, -83.16]				
	07/18/10 17:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/10 17:50 EST		0	Source: Trained Spotter
A 10 inch diameter tree was reported blown down.				
MACOMB COUNTY --- 1.2 SW (MTC)MT CLEMENS/SELF [42.59, -82.85]				
	07/18/10 18:52 EST		0	Hail (0.75 in)
	07/18/10 18:52 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 1.5 SSE (MTC)MT CLEMENS/SELF [42.58, -82.82]				
	07/18/10 18:52 EST		0	Hail (1.00 in)
	07/18/10 18:52 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 2.6 NW ANCHORVILLE [42.71, -82.71]				
	07/18/10 19:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/10 19:00 EST		0	Source: Trained Spotter
Large tree limbs were reported blown down.				
TUSCOLA COUNTY --- 1.4 N UNIONVILLE [43.67, -83.47]				
	07/18/10 21:00 EST		0	Thunderstorm Wind (EG 54 kt)
	07/18/10 21:00 EST		0	Source: Law Enforcement
Multiple trees were blown down.				
HURON COUNTY --- 0.3 NE HURON CITY [44.03, -82.83], 2.1 ESE HURON CITY [44.02, -82.79]				
	07/18/10 21:11 EST		75K	Tornado (EF0, L: 2.01 mi , W: 75 yd)
	07/18/10 21:13 EST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A National Weather Service Storm Survey confirmed a weak EF0 tornado hit the Lighthouse County Park in Huron County. The tornado touched down at 1011 PM about 1.5 miles northwest of the Park, and tracked over and close to Lighthouse Road. The tornado, with maximum winds of 80 mph, then continued to track southeast, moving through the County Park and exiting out into Lake Huron at 1013 PM. The total path length was estimated at 2 miles, with a maximum width of 75 yards.				
Numerous trees were blown down, one of which fell onto a camper. Roof damage was also observed at one home.				

TUSCOLA COUNTY --- 3.1 ENE COLWOOD [43.63, -83.29]

07/18/10 21:27 EST	0	Thunderstorm Wind (EG 54 kt)
07/18/10 21:27 EST	0	Source: Law Enforcement

Multiple trees were reported blown down.

TUSCOLA COUNTY --- 5.1 NW CASS CITY [43.66, -83.23]

07/18/10 21:35 EST	0	Thunderstorm Wind (EG 54 kt)
07/18/10 21:35 EST	0	Source: Law Enforcement

Multiple trees were reported blown down.

A warm front lifted north of southeast Michigan, as a strong low tracked in from Wisconsin. A few severe thunderstorms developed, one of which produced a tornado in Huron County.

WAYNE COUNTY --- 1.2 SE WEST SUMPTER [42.11, -83.48]

07/20/10 03:20 EST	0	Thunderstorm Wind (EG 54 kt)
07/20/10 03:20 EST	0	Source: Public

Multiple trees and large tree limbs were reported down.

An isolated severe thunderstorm impacted Sumpter Township in Wayne County.

WASHTENAW COUNTY --- 2.2 WNW HUDSON MILLS [42.39, -83.96]

07/23/10 16:52 EST	0	Hail (0.75 in)
07/23/10 16:52 EST	0	Source: Law Enforcement

WASHTENAW COUNTY --- 0.7 S ANN ARBOR YOUNG ARPT [42.29, -83.87]

07/23/10 17:03 EST	10K	Thunderstorm Wind (EG 56 kt)
07/23/10 17:03 EST	0	Source: Law Enforcement

Six trees were reported blown down on area roadways.

WASHTENAW COUNTY --- 1.5 SSE CHELSEA [42.30, -84.01]

07/23/10 17:12 EST	0	Thunderstorm Wind (EG 52 kt)
07/23/10 17:12 EST	0	Source: Trained Spotter

A trained spotter estimated a 60 mph thunderstorm wind gust.

WASHTENAW COUNTY --- 3.0 SSE PITTSFIELD [42.16, -83.70]

07/23/10 17:20 EST	0	Thunderstorm Wind (MG 52 kt)
07/23/10 17:20 EST	0	Source: Trained Spotter

A trained spotter measured a 60 mph thunderstorm wind gust.

WASHTENAW COUNTY --- 0.9 NW SALINE [42.18, -83.78]

07/23/10 17:22 EST	15K	Thunderstorm Wind (EG 56 kt)
07/23/10 17:22 EST	0	Source: Trained Spotter

Several trees and powerlines were reported down.

WAYNE COUNTY --- 1.2 NW DENTON [42.26, -83.54]

07/23/10 17:28 EST	0	Thunderstorm Wind (EG 61 kt)
07/23/10 17:28 EST	0	Source: Trained Spotter

A trained spotter estimated a 70 mph thunderstorm wind gust.

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WASHTENAW COUNTY --- 0.7 N WHITTAKER [42.14, -83.60]				
	07/23/10 17:30 EST		0	Thunderstorm Wind (MG 71 kt)
	07/23/10 17:30 EST		0	Source: Amateur Radio
A measured 82 mph thunderstorm wind gust was reported.				
WASHTENAW COUNTY --- 1.0 ESE STONY CREEK [42.14, -83.61], 0.9 N WHITTAKER [42.14, -83.60]				
	07/23/10 17:33 EST		20K	Tornado (EF0, L: 0.61 mi , W: 100 yd)
	07/23/10 17:35 EST		0	Source: NWS Storm Survey
A National Storm Survey determined an EF0 tornado occurred along Judd Road between Hitchingham and Whitaker Roads, and extended southeast to near Whitaker Road. Maximum estimated winds were around 80 mph, with a path length of 0.6 miles and width of 100 yards.				
WASHTENAW COUNTY --- 1.3 ESE WILLOW RUN [42.24, -83.55]				
	07/23/10 17:35 EST		0	Thunderstorm Wind (MG 54 kt)
	07/23/10 17:35 EST		0	Source: ASOS
WASHTENAW COUNTY --- 2.6 NW SALINE [42.20, -83.80]				
	07/23/10 17:37 EST		0	Thunderstorm Wind (EG 54 kt)
	07/23/10 17:37 EST		0	Source: Trained Spotter
Several large tree branches were reported down on powerlines.				
LENAWEE COUNTY --- 0.9 SW TECUMSEH [41.99, -83.94]				
	07/23/10 17:38 EST		20K	Thunderstorm Wind (EG 56 kt)
	07/23/10 17:38 EST		0	Source: Law Enforcement
Trees and powerlines reported down.				
WAYNE COUNTY --- 2.1 SW WEST SUMPTER [42.10, -83.53]				
	07/23/10 17:42 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/23/10 17:42 EST		0	Source: Trained Spotter
Large tree limbs and powerlines down.				
WAYNE COUNTY --- 0.5 E ROMULUS [42.22, -83.37]				
	07/23/10 17:44 EST		0	Hail (0.75 in)
	07/23/10 17:44 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 2.3 SSE TAYLOR CENTER [42.19, -83.25]				
	07/23/10 17:45 EST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/10 17:45 EST		0	Source: NWS Employee
Significant damage to large trees from straight line winds.				
WAYNE COUNTY --- TAYLOR CENTER [42.22, -83.27]				
	07/23/10 17:47 EST		0	Thunderstorm Wind (EG 52 kt)
	07/23/10 17:47 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
WAYNE COUNTY --- 0.5 E ROMULUS [42.22, -83.37]				
	07/23/10 17:48 EST		5K	Thunderstorm Wind (EG 61 kt)
	07/23/10 17:48 EST		0	Source: Trained Spotter
Multiple trees blown down.				
WAYNE COUNTY --- 0.5 W WYANDOTTE [42.20, -83.18]				
	07/23/10 17:53 EST		1K	Thunderstorm Wind (EG 56 kt)
	07/23/10 17:53 EST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Large trees were reported blown down.				
WAYNE COUNTY --- 1.5 S ALLEN PARK [42.23, -83.22], 0.3 ESE LINCOLN PARK [42.23, -83.17], 0.6 S WYANDOTTE [42.19, -83.17], 2.4 WNW RIVERVIEW [42.19, -83.22]				
	07/23/10 18:34 EST		0	Flood (due to Heavy Rain)
	07/23/10 20:34 EST		0	Source: Trained Spotter
Two and half to three inches of rain fell in 2 hours, resulting in flooding. Six to eight inches of water was reported on some side streets, making them impassable.				
LENAWEE COUNTY --- 0.9 SE IRISH HILLS [42.04, -84.14]				
	07/23/10 18:50 EST		15K	Thunderstorm Wind (EG 56 kt)
	07/23/10 18:50 EST		0	Source: Law Enforcement
Trees and powerlines reported down.				
A tropical airmass and a frontal boundary lifted into southeast Michigan, which produced severe storms south of Eight Mile Road.				
OAKLAND COUNTY --- MILFORD [42.58, -83.58]				
	07/28/10 13:14 EST		0	Thunderstorm Wind (EG 53 kt)
	07/28/10 13:14 EST		0	Source: Law Enforcement
Three trees were reported blown down.				
OAKLAND COUNTY --- 2.1 SE WESTACRES [42.56, -83.37]				
	07/28/10 13:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/28/10 13:30 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
MACOMB COUNTY --- 1.5 NNW MT CLEMENS [42.60, -82.88]				
	07/28/10 13:32 EST		0	Thunderstorm Wind (EG 50 kt)
	07/28/10 13:32 EST		0	Source: Trained Spotter
Several 6 inch diameter tree limbs were reported down.				
MACOMB COUNTY --- 1.5 NNW MT CLEMENS [42.60, -82.88]				
	07/28/10 13:32 EST		0	Thunderstorm Wind (MG 63 kt)
	07/28/10 13:32 EST		0	Source: AWOS
A 36 inch diameter tree limb was reported down.				
OAKLAND COUNTY --- 1.5 NNW FARMINGTON [42.49, -83.38]				
	07/28/10 13:32 EST		0	Thunderstorm Wind (EG 54 kt)
	07/28/10 13:32 EST		0	Source: Amateur Radio
Trees reported blown down.				
MACOMB COUNTY --- 1.7 ESE FRASER [42.51, -82.94]				
	07/28/10 14:04 EST		0	Thunderstorm Wind (MG 54 kt)
	07/28/10 14:04 EST		0	Source: Trained Spotter
A trained spotter measured a 62 mph thunderstorm wind gust.				
WASHTENAW COUNTY --- 0.5 W WILLOW RUN [42.25, -83.58]				
	07/28/10 14:20 EST		50K	Thunderstorm Wind (EG 56 kt)
	07/28/10 14:20 EST		0	Source: Fire Department/Rescue
A very large tree landed on two cars and a house.				
WASHTENAW COUNTY --- 0.5 E EASTLAWN [42.23, -83.57]				

Storm Data and Unusual Weather Phenomena - July 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/10 14:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/28/10 14:25 EST		0	Source: Trained Spotter
A large tree was blown down on powerlines.				
<hr/>				
WASHTENAW COUNTY --- 0.7 S WILLOW RUN [42.24, -83.57]				
	07/28/10 14:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/28/10 14:25 EST		0	Source: Fire Department/Rescue
A 14 inch diameter tree was blown down.				
<hr/>				
LENAWEE COUNTY --- 0.5 W ADRIAN [41.90, -84.04]				
	07/28/10 14:30 EST		0	Thunderstorm Wind (EG 52 kt)
	07/28/10 14:30 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
<hr/>				
MONROE COUNTY --- 2.1 S VIENNA [41.75, -83.48]				
	07/28/10 15:16 EST		0	Thunderstorm Wind (MG 54 kt)
	07/28/10 15:16 EST		0	Source: Trained Spotter
A trained spotter measured a 62 mph thunderstorm wind gust.				
<hr/>				
MONROE COUNTY --- 2.1 SSW VIENNA [41.75, -83.49]				
	07/28/10 15:20 EST		0	Thunderstorm Wind (EG 50 kt)
	07/28/10 15:20 EST		0	Source: Trained Spotter
A 8 inch diameter tree was blown.				
Scattered severe thunderstorms tracked along and south of the M-59 corridor.				